

Converting Colors

CIELCh(61, 43.295, 311.928)

Have a look what the booklet for
CIELCh(61, 43.295, 311.928)
contains.

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Color

CIELCh(61, 43.254, 311.950)

Conversions

Conversions Part 1

Format	Color
Hex	AA83CC
RGB	170, 131, 204
RGB Percent	67%, 51%, 80%
CMY	0.3323, 0.4853, 0.1989
CMYK	0.17, 0.36, 0.00, 0.20
HSL	272°, 42%, 66%
HSV	272°, 36%, 80%
XYZ	35.7164, 29.2481, 61.0593
YIQ	150.9830, -0.1890, 30.9710

Conversions

Conversions Part 2

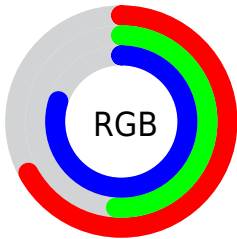
Format	Color
R_{YB}	170, 131, 204
Decimal	11174860
CIE _{Lab}	61.00, 28.91, -32.17
CIE _{LCh}	61, 43.254, 311.950
Yxy	29.2481, 0.2834, 0.2321
Android (android.graphics.Color)	4289364940 (0xFFAA83CC)
YUV	150.9830, 26.1374, 16.6779
Hunter-Lab	54.0815, 23.2419, -29.0827

Details

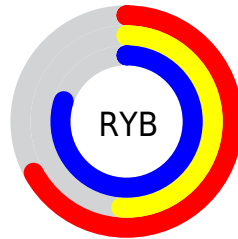
The CIELCh color $61, 43.254, 311.950$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 41.286, 128.609$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 40.449, 313.445$, and $41, 42.934, 312.242$ is the 20% darker color. If you saturate the color by 10%, you get $55, 55.711, 312.454$, and if you desaturate by 10%, it is $67, 30.837, 311.442$.

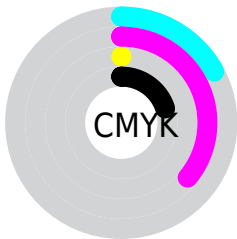
Distribution



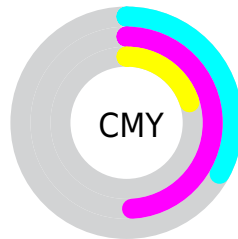
- Red (67%)
- Green (51%)
- Blue (80%)



- Red (67%)
- Yellow (51%)
- Blue (80%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (49%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 43.254, 311.950 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 43.254, 311.950 by changing the saturation by 10% instead.


 61, 43.254,
311.950


 61, 43.254,
311.950


 100, 43.254,
311.950


 51, 43.254,
311.950


 81, 43.254,
311.950

 41, 43.254,
311.950

 91, 43.254,
311.950

 31, 43.254,
311.950

 21, 43.254,
311.950

 11, 43.254,
311.950

 1, 43.254, 311.950

 0, 43.254, 311.950

61, 43.254,
311.950

61, 43.254,
311.950

55, 55.711,
312.454

67, 30.837,
311.442

50, 67.937,
312.917

73, 18.627,
310.951

45, 79.487,
313.281

79, 6.708, 310.484

40, 89.719,
313.465

85, 4.878, 130.114

37, 97.838,
313.366

91, 16.117,
129.720


34, 103.134,
312.886

97, 27.009,
129.382

33, 104.869,
312.629

98, 26.558,
122.888

98, 25.835,
115.394

 99, 25.600,
108.235

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 43.254, 311.950



78, 41.286, 128.609

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 43.254, 311.950



61, 43.254, 1.950



61, 43.254, 131.950



61, 43.254, 181.950

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 43.252, 311.950



92, 15.485, 310.734



67, 23.716, 264.911



48, 10.424, 310.798



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 43.252, 311.950



70, 62.635, 312.346



65, 46.441, 327.303



40, 6.647, 310.653



26, 89.650, 312.798



3, 24.717, 307.950

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 33.464, 349.134



73, 48.089, 350.185



76, 46.487, 142.703



40, 5.193, 346.301



35, 61.185, 4.876



4, 19.597, 355.647

Previews

White Background



This preview shows how the CIELCh color 61, 43.254, 311.950 looks on a white background.

Color Contrast Check

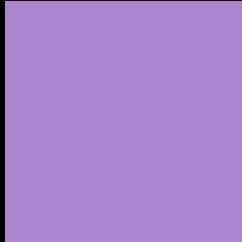
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 43.254, 311.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

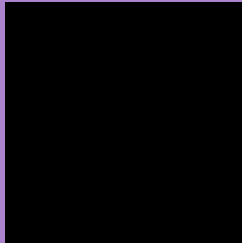
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 43.254, 311.950

Background



This preview shows how black text looks on a background with the CIELCh color 61, 43.254, 311.950.



This preview shows how white text looks on a background with the CIELCh color 61, 43.254, 311.950.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61, 43.254, 311.950

Protanopia

61, 39.601, 285.291

Deuteranopia

61, 31.683, 285.510



Tritanopia
61, 9.941, 341.994

Trichromacy



Original Color
61, 43.254, 311.950

Protanomaly
61, 40.034, 294.895

Deuteranomaly
61, 35.062, 296.592

Tritanomaly
61, 21.676, 319.489

Monochromacy



Original Color
61, 43.254, 311.950

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 15.581, 311.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 43.254, 311.950 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 131, 204)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 131, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 43.254, 311.950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 131, 204) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 131, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 131, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 204);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 43.254, 311.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
131, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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